



CERRO COPPER PRODUCTS CO.

A Member of The Marmon Group

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1104

153929

May 24, 1978

Mr. T. W. Dalton, Manager
Village of Sauget
Sanitary Development and Research Association
Sauget, Illinois 62201

Dear Jim:

Subject: Estimated Flow - Cerro Effluent

This memo will confirm our discussion on May 20 regarding an estimated flow from Cerro. This condition is necessary because the Cerro east flow meter has failed in service. Major efforts have been made to keep it operational and these efforts have been unsuccessful. The Cerro west meter accuracy is questionable and is influenced by the problem you have identified as downstream backpressure, cause unknown, but believe it to be a sewer blockage.

Cerro total effluent is currently estimated to be an average of 1,000,000 gallons per day over a seven day average. It is reasonable to assume a flow rate of 800 G.P.M. for all hours of operation of the Cerro east lift station pumps. The balance should be the Cerro west flow. These flows will be used to determine the quality of the flows exiting the plant. This is only a guesstimate and represents the best approach known. I do reserve the right to review the results of this assumption and should additional information prove this to be incorrect, a revised base-line will be used for cost.

The forward production schedule will cause this assumption to change on May 26. Cerro will shut down our Anode Furnace, a heavy user of quench water, for a period of up to ten days for repairs.

Beginning June 17, 1978, our No. 6 Billet Furnace will be shut down for five weeks for repairs.

On July 1, 1978, our Tube Mill will be shut down for three weeks for an annual vacation shut-down.

We are working to establish our total inputs so we can determine change and the reduction in total flow rate during these periods.

It is felt that should Cerro flow exceed 10% of your total influent, Cerro should be so advised. It is requested that Sauget advise Cerro of any abnormal change in quality as soon as it is known.

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Any change from this position, each party will notify the other.

Very truly yours,

CERRO COPPER PRODUCTS
A MEMBER OF THE MARMON GROUP



J. C. Johnson, Manager of Engineering

JCJ/jpl

cc: Paul Tandler

bcc: Al Suhre
D. Maisel
C. Hummel
R. E. Conreaux
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